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GROUP 1700

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09-29-00

Applicant(s) Chu et al. Examiner: Unassigned  
Serial No.: 09/586,628 Group Art Unit: Unassigned  
Filed: June 5, 2000 Docket: 178-289  
For: POLYMER SOLUTION FOR  
SEPARATION OF CHARGED  
MACROMOLECULES BY  
ELECTROPHORESIS Dated: September 22, 2000

Assistant Commissioner for Patents  
Washington, DC 20231

I hereby certify this correspondence is being deposited with the  
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envelope, addressed to: Assistant Commissioner for Patents,  
Washington, D.C. 20231 on September 22, 2000

Signature: Melinda A. Kerrigan  
Print Name Melinda A. Kerrigan

### INFORMATION DISCLOSURE STATEMENT

Sir:

In order to fulfill the requirements of candor and good faith set forth in 37 C.F.R. §1.56,  
Applicants submit herewith the following Information Disclosure Statement in accordance with  
the provisions of 37 C.F.R. §1.97 and §1.98.

### UNITED STATES PATENTS

<u>PATENTEE</u>	<u>PATENT NO.</u>	<u>ISSUE DATE</u>
Ebersole et al.	4,985,128	January 15, 1991
Zhu et al.	5,069,766	December 3, 1991
Grossman	5,126,021	June 30, 1992
Dubrow	5,164,055	November 17, 1992
Menchen et al.	5,759,369	June 2, 1998

PATENTEE

Hooper et al.

Madabhushi et al.

PATENT NO.

5,885,432

5,916,426

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DATE  
March 23, 1999

June 29, 1999



NON-PATENT PUBLICATIONS

1. Liang, D., Zhou, S., Song, L., Zaitsev, V.S. and Chu, B., "Copolymers of Poly(*N*-isopropylacrylamide) Densely Grafted with Poly(ethylene oxide) as High-Performance Separation Matrix of DNA," *Macromolecules*, Vol. 32(19), pp. 6326-6332 (1999).
2. Liang, D., Song, L., Zhou, S., Zaitsev, V.S. and Chu, B., "Poly (*N*-isopropylacrylamide) - *g*-poly(ethyleneoxide) for High Resolution and High Speed Separation of DNA by Capillary Electrophoresis," *Electrophoresis*, Vol. 20, pp. 2856-2863 (1999).
3. Song, L., Fang, D., Kobos, R.K., Pace, S.J. and Chu, B. "Separation of Double-Stranded DNA Fragments in Plastic Capillary Electrophoresis Chips by Using E<sub>99</sub>P<sub>69</sub>E<sub>99</sub> as Separation Medium," *Electrophoresis*, Vol. 20, pp. 2847-2855 (1999).

The above-referenced documents are listed on PTO Form 1449. We have enclosed the cited documents to facilitate reference to them.

Applicants are not aware of any other references to be identified at this time. If the Examiner has any questions or comments relating to the present application, he or she is respectfully invited to contact Applicants' attorney at the telephone number set forth below.

Respectfully submitted,

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